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Abstract

The invention relates to an arrangement for sensing a frontal impact of a motor vehicle, wherein a plurality of impact sensors which are connected to a control device are integrated into a bumper of the motor vehicle and the impact sensors each comprise first contact sensor elements which face the front of the vehicle, and second contact sensor elements which face away from the front of the vehicle, which are each arranged spaced apart from one another essentially in the longitudinal direction of the vehicle. These contactor sensor elements by means of which an acceleration signal or speed signal can be generated when there is a vehicle impact, constitute units which are respectively separate from one another and between which a free cavity which forms a measured section is provided.